

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L3    | 2    | ("6742583").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/05/06<br>13:11 |
| S1    | 2    | "US 20080030951"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                                | OR               | ON      | 2009/05/04<br>13:57 |
| S2    | 8    | ("20040007347"   "4807441"   "6082441"  <br>"6149254").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>DERWENT                                | OR               | ON      | 2009/05/04<br>15:11 |
| S3    | 4    | ("20040007347"   "4807441"   "6082441"  <br>"6149254").PN. | US-PGPUB;<br>USPAT  | OR               | ON      | 2009/05/04<br>15:11 |
| S4    | 2    | ((("5894407") or ("4525769"))).PN.                         | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/05/04<br>15:19 |
| S5    | 1    | ("4807441").PN.  | US-PGPUB;<br>USPAT  | OR               | OFF     | 2009/05/04<br>15:32 |
| S6    | 0    | (361/679.50).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/05/04<br>15:40 |

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| S7  | 44 | (361/679.5).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/04<br>15:41 |
| S8  | 12 | ("3364838"   "4010349"   "4089322"  <br>"4654308"   "4800734"   "5118173"  <br>"5500028").PN. OR ("6149254").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/04<br>15:50 |
| S9  | 36 | ("3040539"   "3138934"   "3194024"  <br>"3212274"   "3232063"   "3314242"   "3821881"<br>"3823567"   "3833837"   "3956673"  <br>"3993123"   "4177499"   "4270604"   "4449164"<br>"4467611"   "4500944"   "4513812"  <br>"4520425"   "4535386").PN. OR ("4807441").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/04<br>15:53 |
| S10 | 42 | ("3559728"   "4338996"   "4365666"  <br>"4535386"   "4582130"   "4790373"   "4949218"<br>"5040095"   "5150277"   "5329736"  <br>"5467250"   "5475562"   "5505046"   "5570740"<br>"5688169"   "5832988"   "6026891"  <br>"6067223"   "6082441"   "6088225"   "6104608"<br>"6119767"   "6119768"   "6123266"  <br>"6134109"   "6149254"   "6164369"   "6201694"<br>"6412286"   "6462944"   "6533031"  <br>"6704198"   "6742583").PN. OR ("6889752").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/04<br>15:56 |
| S11 | 34 | ("4386651"   "4449579"   "4800734"  <br>"4949218"   "5035281"   "5040095"   "5150277"<br>"5467250"   "5529120"   "5570740"  <br>"5688169"   "5697840"   "5832988"   "5950446"<br>"6024165"   "6067223"   "6082441"  <br>"6088225"   "6119768"   "6149254"   "6164369"<br>"6201694"   "6704198").PN. OR ("6877551").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/04<br>16:07 |

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|-----|----|--|---------------------------|----|----|---------------------|
| S12 | 16 | ("4706739"   "4767262"   "4798238"  <br>"4802060"   "4807441").PN. OR ("5054545").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>16:11 |
| S13 | 10 | ("20050016195"   "5467250"   "6164369"  <br>"6225554"   "6652373"   "6742583"   "6775137"<br>  "6877551"   "6889752"   "7254022").PN. OR<br>("7312993").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>16:33 |
| S14 | 33 | ("3559728"   "3749981"   "4386651"  <br>"4729424"   "5035281"   "5076346"   "5332031"<br>  "5474120"   "5655381"   "5806583"  <br>"5813243"   "5832988"   "5860291"   "5934079"<br>  "6041851"   "6082441"   "6104003"  <br>"6127663"   "6142866"   "6166905"   "6330152"<br>  "6341064"   "6400567").PN. OR ("6742583").<br>URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>16:35 |
| S15 | 66 | ("4306613"   "4386651"   "4449579"  <br>"5035281"   "5090476"   "5361188"   "5738166"<br>  "6000464"   "6041851"   "6067223"  <br>"6088255").PN. OR ("6164369").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>16:41 |
| S16 | 16 | ("20040237570"   "4949218"   "5689403"  <br>"5832988"   "6081425"   "6101090"   "6359779"<br>  "6430042"   "6588497"   "6877551"  <br>"7027300").PN. OR ("7289320").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>16:47 |
| S17 | 18 | ("3996604"   "4020399"   "4285027"  <br>"5206791"   "5647430").PN. OR ("5806583").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>16:51 |
| S18 | 8  | ("4126269"   "4817006"   "5150277"  <br>"5788467"   "6104003"   "6164369"   "6776707"<br>  "6788535").PN. OR ("7158378").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>16:52 |
| S19 | 9  | ("20070247817"   "5185691"   "5831847"  <br>"6081425"   "6820686"   "7027300"   "7142423"<br>  "7265973"   "7289320").PN. OR ("7436661").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>16:52 |

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| S20 | 43 | ("5091823"   "5171183"   "5247427"  <br>"5361188"   "5375038"   "5428503"   "5432674"<br>"5463742"   "5515515"   "5550710"  <br>"5563768"   "5644472"   "5680295"   "5682291"<br>"5689403"   "5691883"   "5694294"  <br>"5963424"   "6011687"   "6058009"   "6069792"<br>"6084769"   "6094345"   "6094347"  <br>"6188573").PN. OR ("6359779").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>16:55 |
| S21 | 35 | ("4585122"   "5258888"   "5315480"  <br>"5773755"   "5869919").PN. OR ("6081425").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>16:59 |
| S22 | 32 | ("4035711"   "5170336"   "5235491"  <br>"5424915"   "5484012"   "5725622").PN. OR<br>("5831847").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>17:02 |
| S23 | 40 | ("20020122296"   "20020154481"  <br>"20060120039"   "20060120043"  <br>"20060133036"   "3147403"   "5375038"  <br>"5473507"   "5644472"   "5751550"   "5914858"<br>"5995368"   "6011701"   "6059385"  <br>"6061236"   "6180045"   "6219236"   "6226182"<br>"6307749"   "6359779"   "6466448"  <br>"6556438"   "6567271"   "6593673"   "6604799"<br>"6618248"   "6678157"   "6704199"  <br>"6724624"   "6801430"   "6813149"   "6862181"<br>"6912131"   "6927976"   "6980435"  <br>"7061761"   "7068505"   "7167363").PN. OR<br>("7403385").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>17:04 |
| S24 | 12 | ("5694290"   "5886639"   "6359779"  <br>"6388878"   "6565163"   "6567271"  <br>"6628518").PN. OR ("6735080").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>17:18 |
| S25 | 16 | ("3234451"   "3482894"   "3621339").PN. OR<br>("4035711").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>17:18 |
| S26 | 24 | ("4035711"   "4236055"   "4956531").PN. OR<br>("5424915").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/04<br>17:20 |

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| S27 | 11    | ("5491610"   "5694294"   "5991153"   "6011701"   "6226182"   "6618248").PN. OR ("6724624").URPN.                                     | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/04<br>17:22 |
| S28 | 39    | ("4926291"   "5160357"   "5282114"   "5493473"   "5808866").PN. OR ("6226182").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/04<br>17:23 |
| S29 | 10455 | ((361/679.50,679.49,694,695,697) or (165/80.2,80.3,185) or (454/184)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>08:46 |
| S30 | 7     | S29 and (first adj ((air adj stream) airstream))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>08:47 |
| S31 | 76    | ("4682268"   "4797783"   "4901138"   "4907645"   "5136464"   "5150277"   "5321581"   "5361188").PN. OR ("5544012").URPN.             | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/06<br>08:49 |
| S32 | 161   | S29 and (first adj ((air adj flow) airflow))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>08:57 |
| S33 | 10    | ("20070070601"   "4089040"   "4674704"   "4851965"   "5940266"   "5940288"   "6459579"   "6735080"   "6940718"   "7068506").PN.      | US-PGPUB;<br>USPAT  | OR | ON  | 2009/05/06<br>09:03 |
| S34 | 10    | ("5170336"   "5502618"   "5945746"   "5978217"   "6046921"   "6219234"   "6621700"   "6728104"   "6735078").PN. OR ("6930883").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/06<br>09:07 |

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| S35 | 241733 | "361"/  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/06<br>09:12 |
| S36 | 829721 | ((("361") or ("454") or ("165") or ("257") or ("174"))).CLAS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>09:12 |
| S37 | 291    | S36 and "high power amplifiers"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>09:12 |
| S38 | 29     | ("2471011"   "3317798"   "3396780"  <br>"3462553"   "3710193"   "3744559"   "3749981"<br>  "3912001"   "3940665"   "4535386"  <br>"4644443").PN. OR ("4858069").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/06<br>09:17 |
| S39 | 19     | ("20020141159"   "20080068807"   "4557225"  <br>"4858069"   "5105336"   "5280191"   "5812373"<br>  "5825621"   "5831830"   "5953207"  <br>"6002585"   "6038129"   "6101090"   "6434000"<br>  "6972959"   "7095611"   "7154755"  <br>"7158380"   "7322850").PN. OR ("7436660").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/06<br>09:21 |
| S40 | 36     | ("3040539"   "3138934"   "3194024"  <br>"3212274"   "3232063"   "3314242"   "3821881"<br>  "3823567"   "3833837"   "3956673"  <br>"3993123"   "4177499"   "4270604"   "4449164"<br>  "4467611"   "4500944"   "4513812"  <br>"4520425"   "4535386").PN. OR ("4807441").<br>URPN.         | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/06<br>09:24 |
| S41 | 2      | 361/688-703   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/06<br>09:31 |

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| S42 | 9716  | (361/688-703).CCLS.                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>09:31 |
| S43 | 2     | S42 and (satellite near3 uplink)             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>09:31 |
| S44 | 16987 | ((361/679.46-679.54) or (361/688-723)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>09:33 |
| S45 | 2     | S44 and (satellite near3 uplink)             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>09:33 |
| S46 | 28    | S44 and "high power amplifiers"              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>09:33 |

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| S47 | 9    | S44 and "traveling wave tube"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>09:35 |
| S48 | 38   | S44 and (((air adj flow) airflow (air adj stream) airstream) near3 around near3 (enclosure housing cover chassis)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>09:37 |
| S49 | 2909 | ((454/184) or (312/236)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>09:42 |
| S50 | 1    | S49 and "high power amplifiers"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>09:42 |
| S51 | 21   | S49 and satellite  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>09:42 |
| S52 | 12   | ((TERENCE) near2 (HALL)).INV.  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/05/06<br>09:44 |
| S53 | 13   | ((TONY) near2 (COLLINS)).INV.  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/05/06<br>09:45 |



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| S54 | 3    | ((STEPHEN) near2 (HURRELL)).INV.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/05/06<br>09:45 |
| S55 | 1    | ((STEPHEN) near2 (NORRINGTON)).INV.  | US-PGPUB;<br>USPAT  | OR | ON  | 2009/05/06<br>09:46 |
| S56 | 162  | ((ANDREW) near2 (WOOD)).INV.   | US-PGPUB;<br>USPAT  | OR | ON  | 2009/05/06<br>09:46 |
| S57 | 6    | S56 and satellite  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>09:46 |
| S58 | 43   | "5091823"   "5171183"   "5247427"  <br>"5361188"   "5375038"   "5428503"   "5432674"<br>"5463742"   "5515515"   "5550710"  <br>"5563768"   "5644472"   "5680295"   "5682291"<br>"5689403"   "5691883"   "5694294"  <br>"5963424"   "6011687"   "6058009"   "6069792"<br>"6084769"   "6094345"   "6094347"  <br>"6188573").PN. OR ("6359779").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2009/05/06<br>10:26 |
| S59 | 2689 | (361/695).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>10:40 |
| S60 | 1206 | S59 and @pd<="20040216"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/05/06<br>10:40 |

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| S61 | 2 | ("20010052412").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/05/06<br>11:10 |
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5/ 6/ 2009 2:49:44 PM  
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